

IN THE CLAIMS

1. (previously presented) A method for manufacturing a glass body with coated surface, characterized in that the method comprises the following steps:

- Cleaning and/or coating at least a partial area of the glass surface with a primer/cleaner;
- Applying an isocyanate-curing polyacrylate lacquer containing mineral particles in a layer thickness of at least 10 μm to at least a partial area of the glass surface, and
- Curing the coating:

2. (previously presented) The method according to claim 1, characterized in that the method additionally comprises one or more of the following steps independently from each other:

- Mechanically removing adhering residual coatings on the glass surface;
- Partially covering the glass surface, in particular with a masking film;
- Removing the masking film and/or
- Abrading the partially or completely cured coating to break the pointed edges.

3. (currently amended) The method according to ~~one of the preceding claims~~ Claim 1, characterized in that the primer includes or comprises a polar, organic solvent having 2 to 12 carbon atoms, ~~preferably 2 to 4~~, and at least one of the following groups: alcohol, keto, aldehyde, ester or acid group(s), ~~preferably a C2 to C3 alcohol, and preferably less than 5% w/w, preferably <1% w/w, of water independently thereof.~~

4. (currently amended) The method according to ~~one of the preceding claims~~ Claim 2, characterized in that the residual coatings on the glass are removed by polishing with steel wool, in particular stainless steel wool.

5. (currently amended) The method according to ~~one of the preceding claims~~ Claim 1, characterized in that the polyacrylate lacquer containing mineral particles is applied via



silk-screen printing, spraying or rolling, preferably via silk-screen printing or spraying.

6. (currently amended) ~~A glass body with coated surface~~ The method according to Claim 1, characterized in that ~~said glass body~~ the cured coating ~~has is~~ an isocyanate-cured polyacrylate lacquer containing mineral particles.

7. (currently amended) ~~The glass body with coated surface or method according to one of the preceding claims~~ Claim 6, characterized in that the cured coating has a layer thickness of 10 to 50 μm , ~~preferably 15 to 30 μm .~~

8. (currently amended) ~~The glass body with coated surface or method according to one of the preceding claims~~ Claim 6, characterized in that the mineral particles are oxides or mixed oxides of aluminum and/or silicon, including hydrates thereof.

9. (currently amended) ~~The glass body with coated surface or method according to one of the preceding claims~~ Claim 8, characterized in that the mineral particles have an average diameter of 2 to 30 μm , ~~preferably 5 to 25 μm .~~

10. (currently amended) ~~The glass body with coated surface or method according to one of the preceding claims~~ Claim 6, characterized in that dyes, in particular color pigments, are added to the polyacrylate lacquer to manufacture color coatings.

11. (currently amended) ~~The glass body with coated surface or method according to one of the preceding claims~~ Claim 6, characterized in that the glass body is acrylic glass, fire-resistant glass or multi-layer/composite glass, ~~preferably type G glazing fire-resistant glass and single sheet safety glass (ESG), and that the coating is further preferably applied to the glass surface in built-in condition, in particular built into a frame.~~

12. (currently amended) ~~The glass body with coated surface or method according to one of the preceding claims~~ Claim 24, characterized in that the glass body is single-sheet safety glass, and the coated glass has a surface tension that is roughly the same or

maximally reduced by 10% relative to the uncoated glass.

13. (currently amended) The ~~glass body with coated surface or~~ method according to ~~one of the preceding claims~~ Claim 6, characterized in that the polyacrylate lacquer is 2-component lacquer obtainable from at least one polyacrylate binder containing mineral particles and at least one isocyanate hardener having two or more reactive isocyanate groups per molecules, optionally protected ~~if necessary~~.

14. (currently amended) The ~~glass body with coated surface or~~ method according to ~~one of the preceding claims~~ Claim 13, characterized in that the solvent share in the polyacrylate lacquer measures 20 to 80% w/w prior to application.

15. (currently amended) The ~~glass body with coated surface or~~ method according to ~~one of the preceding claims~~ Claim 14, characterized in that the solvent contains hydrocarbons and esters or alkoxy ester with 4 to 12, ~~in particular 6 to 10 carbon atoms~~.

16. (currently amended) The ~~glass body with coated surface or~~ method according to ~~one of the preceding claims~~ Claim 13, characterized in that the hardener contains a C4 to C12 diisocyanate and, ~~if necessary~~ optionally, a silane derivative.

17. (currently amended) A method according to ~~one of claim[[s]] 1 to 5~~ 6, characterized in that the method additionally involves the step of removing all residue without damaging the glass surface using a halogen hydrocarbon-containing stripper.

18. (canceled)

19. (new) The method according to Claim 3, characterized in that said alcohol is a C2 to C3 alcohol.

20. (new) The method according to Claim 19, characterized in that said alcohol solvent has less than 5% w/w of water independently thereof.

21. (new) The method according to Claim 20, characterized in that said alcohol solvent has less than 1% w/w of water independently thereof.
22. (new) The method according to Claim 7, characterized in that the cured coating has a layer thickness of 15 to 30 μm .
23. (new) The method according to Claim 9, characterized in that the mineral particles have an average diameter of 5 to 25 μm .
24. (new) The method according to Claim 11, characterized in that said glass body is a multi-layer composite glass comprising type G-glazing fire-resistant glass and single sheet safety glass (ESG).
25. (new) The method according to Claim 11, characterized in that said coating is further applied to the glass surface in built-in condition, in particular built into a frame.
26. (new) The method according to Claim 15, characterized in that the solvent contains hydrocarbons and esters or alkoxy ester with 6 to 10 carbon atoms.
27. (new) The method according to Claim 3, characterized in that said solvent has 2 to 4 carbon atoms.